



FULBRIGHT & JAWORSKI L.L.P.

A REGISTERED LIMITED LIABILITY PARTNERSHIP
600 CONGRESS AVENUE, SUITE 2400
AUSTIN, TEXAS 78701-3271
WWW.FULBRIGHT.COM

MKRAWZSENEK@FULBRIGHT.COM
DIRECT DIAL: (512) 536-3020

TELEPHONE: (512) 474-5201
FACSIMILE: (512) 536-4598

July 30, 2004

CERTIFICATE OF MAILING
37 C.F.R. 1.8

I certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

July 30, 2004

Date

Michael R. Krawzsenek

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

RE: *U.S. Patent Application No. 10/727,119 entitled "DERIVATIVES OF SUCCINIC AND GLUTARIC ACIDS AND ANALOGS THEREOF USEFUL AS INHIBITORS OF PHEX" – Denis Gravel et al.*
Our reference: GOUD:045US
Client reference: 769/12987.28

Sir:

Enclosed for filing in the above-referenced patent application is an Information Disclosure Statement, Form PTO-1449, and references A1-A4, B1 and C1-C37.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/GOUD:045US.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

Respectfully submitted,

Michael R. Krawzsenek
Reg. No. 51,898

MRK/kmv
Encl.: as noted

Commissioner for Patents

July 30, 2004

Page 2

bcc: Erwin Schultz, Ph.D. (w/encl.)
David D. Bahler, Esq. (w/o encl.)



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Denis Gravel *et al.*

Serial No.: 10/727,119

Filed: December 3, 2003

For: DERIVATIVES OF SUCCINIC AND
GLUTARIC ACIDS AND ANALOGS
THEREOF USEFUL AS INHIBITORS OF
PHEX

Group Art Unit: 1626

Examiner: Unknown

Atty. Dkt. No.: GOUD:045US

CERTIFICATE OF MAILING
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: MS AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

July 30, 2004

Date

Michael R. Krawczsnek

INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/GOUD:045US.

Applicants respectfully request that the listed documents be made of record in the present case.

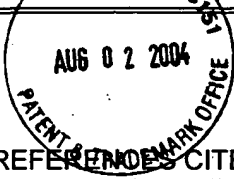
Respectfully submitted,



Michael R. Krawzsenek
Reg. No. 51,898
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701
(512) 474-5201

Date: July 30, 2004

(Rev.7-80)		Form PTO-1449 Patent & Trademark Office	ATTY. DOCKET NO. GOUD:045US	SERIAL NO. 10/727,119
		LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		
		APPLICANT Denis Gravel et al.		
		FILING DATE 12/03/2003	GROUP 1626	

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
	A1	4,337,201	06/29/1982				12/04/1980
	A2	5,362,727	11/08/1994				07/26/1993
	A3	5,380,921	01/10/1995				05/04/1993
	A4	4,168,267	09/18/1979				10/23/1978

FOREIGN PATENT DOCUMENTS

		Document number	Date	Country	Class	Subclass	Translation	
							Yes	No
	B1	WO 00/50580	08/31/2000	Canada				
	B2							
	B3							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

C1	ADHR Consortium, Nat. Genetics, 26:345-348, 2000.
C2	Atherton and Sheppard, In: The Peptides, Udenfriend and Meienhofer (Eds.), 9:1, Academic Press, NY, 1987.
C3	Beck et al., J. Clin. Invest., 99:1200-1209, 1997.
C4	Balkenhohl et al., Angew. Chem. Int. Ed. Engl., 35:2288-2337, 1996.
C5	Bellows et al., Calcif. Tissue Int., 38:143-154, 1986.
C6	Du et al., Genomics, 36:22-28, 1996.
C7	Ecarot et al., J. Bone Miner. Res., 7:215-220, 1992.
C8	Econs and Drezner, N. Engl. J. Med., 330:1679-1681, 1994.
C9	Furka, In: Combinatorial Peptide and Nonpeptide Libraries, Jung (Ed.), 4:111-137, VCH Verlagsgesellschaft, Weinheim, 1996.
C10	Greene and Wuts, In: Protective Groups in Organic Synthesis, John Wiley & Sons, Inc., NY, 1999.
C11	Grieff et al., Biochem. Biophys. Res. Commun., 231:635-639, 1997.
C12	Guo and Quarles, J. Bone Miner. Res., 12:1009-1017, 1997.
C13	Hermkens et al., Tetrahedron, 52:4527-4554, 1996.
C14	Ikeuchi et al., J. Biomed. Mater. Res., 60:61-69, 2002.
C15	Jan de Beur et al., J. Bone Miner. Res., 17:1102-1110, 2002.
C16	Jonsson et al., ASBMR 24th Annual Meeting in San Antonio, Texas, USA, Pres. # 1139, 2002.
C17	Lajeunesse et al., Kidney Int., 50:1531-1538, 1996.
C18	Lipman et al., J. Biol. Chem., 273:13729-13737, 1998.
C19	Nesbitt et al., J. Bone Miner. Res., 14:2027-2035, 1999.
C20	Rivero et al., In: A Practical Guide to Combinatorial Chemistry, Czarnik (Eds.), 10:281-307, American Chem. Soc. Pub., Washington DC, 1997.
C21	Roques et al., Pharmacological Reviews, 45:87-146, 1993.
C22	Rowe et al., Genomics, 67:54-68, 2000.
C23	Ruchon et al., J. Histochem. Cytochem., 46:1-10, 1998.
C24	Ruchon et al., J. Bone Miner. Res., 15:1440-1450, 2000.
C25	Schiavi and Moe, Curr. Opin. Nephrol. Hypertens., 11:423-430, 2002.
C26	Shimada et al., Proc. Natl. Acad. Sci. USA, 98:6500-6505, 2001.
C27	Strom et al., Hum. Mol. Genet., 6:165-171, 1997.
C28	Tenenhouse, Nephrol. Dial. Transplant., 14:333-341, 1999.

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	C29	Tenenhouse and Econs, In: The Metabolic and Molecular Bases of Inherited Disease. Scriver et al. (Eds.), 197:5039-5067, McGraw Hill Book Co., NY, 2001.
	C30	Terrett <i>et al.</i> , Tetrahedron, 51:8135-8173, 1995.
	C31	The HYP Consortium, Nat. Genet., 11:130-136, 1995.
	C32	Thompson and Ellman, Chem. Rev., 96:555-600, 1996.
	C33	Turner and Tanzawa, FASEB J., 11:355-364, 1997.
	C34	Vehof <i>et al.</i> , Plast. Reconstr. Surg., 108:434-443, 2001.
	C35	Vu <i>et al.</i> , J. Histochem. Cytochem., 47:323-336, 1999.
	C36	Whittaker <i>et al.</i> , Chem. Rev., 99:2735-2776, 1999.
	C37	Yoshida <i>et al.</i> , J. Dent. Res., 78:217-220, 1999.

Examiner	Date considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

US Comm-DC 80-3985